Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 13 Dec 2023 until 23:59 on Thursday 14 Dec 2023

Forecast Issued on Wednesday 13 Dec 2023 at 02:24

Confidence: Generally high but moderate for rainfall detail.

Headline for Wednesday 13 Dec 2023: Rain or showers clearing during the afternoon.

Mountain weather hazards on Wednesday 13 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Dull	Dull	Dull	Partly cloudy (night)	Clear night
Precipitation probability					
30%	30%	30%	20%	10%	<05%

Forecast for Wednesday 13 Dec 2023

Weather: Cloudy with outbreaks of mainly light rain and drizzle during the early hours. Becoming largely dry, but remaining rather dull and grey throughout the day. The cloud will begin to break later in the day, with some lengthy clear spells developing by the evening.

Chance of cloud-free hill tops above 600m: 20% improving to 40% from mid-morning, 80% by late afternoon

Low cloud and visibility: Scattered or broken low cloud base 400-600m, becoming few or scattered later in the afternoon and continuing to clear. Visibility moderate in rain, otherwise good out with cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Wednesday 13 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/31 NE	28/35 NE	24/31 N	18/25 N	13/18 N	7/12 N	6/8 SW
300	21/29 N	19/26 N	18/25 N	13/20 N	9/15 N	4/6 W	5/7 S
Valley	14/30 N	12/27 N	12/25 N	8/19 N	6/15 N	3/7 N	3/5 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	2/-5	1/-5	1/-5	0/-5	-1/-4	-1/-4
300	5/-0	4/-1	4/-1	4/-1	3/-1	2/-0	1/-2
Valley	6/2	5/1	5/1	4/1	3/0	1/-0	0/-1
Freezing Level*	1000m	800m	800m	700m	600m	500m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold at height, be prepared with appropriate layers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 13 Dec 2023	2.4mm	13.2mm	29mm

Forecast for Thursday 14 Dec 2023

Weather: Cloudy with outbreaks of rain pushing in from the west during the early hours, rain mainly light but with the odd heavier burst. Rain clearing east by late morning to leave a dry, bright and sunny afternoon. Staying dry with lengthy clear skies during the evening. Turning chilly.

Maximum wind: West to southwest 10-15 mph.

Chance of cloud-free hill tops above 600m: 20% until late morning, then increasing to 90%

Low cloud and visibility: Broken cloud base 400-600m from the early hours until around midday. Visibility moderate in rain, becoming good.

Temperature: **Valleys:** Plus 2 rising to plus 6 Celsius
At 600m: Zero rising to plus 4 Celsius
Freezing level: 600m, soon rising above summits

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